



8165 E. Kaiser Blvd. Anaheim, CA 92808

www.lightlaboratory.com

## Photometric Test Report

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : L052510791.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] L052510791

[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)

[ISSUE DATE] 6/4/2025

[MANUFAC] Vista Professional Outdoor Lighting

[LUMCAT] 1142-WG-RGBW-(B)

[LUMINAIRE] 1142 Wall Grazer Blue Output

[BALLASTCAT] ELDOLED PW50U-M4Z0X1

[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND

[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.

[MORE] Base file 80239581-43

[INPUT] 120VAC

[TEST PROCEDURE] IESNA:LM-79-19

Note: Candela values converted from Type-C to Type-B

### CHARACTERISTICS

NEMA Type	7 H x 4 V
Maximum Candela	366
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	101.2
Vertical Beam Angle (50%)	36.6
Horizontal Field Angle (10%)	150.7
Vertical Field Angle (10%)	59.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	192
Beam Efficiency	N.A.
Field Lumens	324
Field Efficiency	N.A.
Spill Lumens	16
Luminaire Lumens	340
Total Efficiency	N.A.
Total Luminaire Watts	20.95
Ballast Factor	1.00

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**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	0	85	0
75	42	75	0
65	92	65	0
55	139	55	2
47.5	172	47.5	5
42.5	194	42.5	8
37.5	213	37.5	11
33	229	33	38
29	244	29	135
25.5	256	25.5	175
22.5	265	22.5	205
19.5	272	19.5	240
17	277	17	266
15	282	15	284
13	286	13	298
11	289	11	309
9	292	9	324
7	293	7	344
5	295	5	366
3	296	3	340
1	295	1	310
0	295	0	295
-1	295	-1	283
-3	296	-3	259
-5	295	-5	238
-7	293	-7	220
-9	292	-9	203
-11	289	-11	188
-13	286	-13	177
-15	282	-15	167
-17	277	-17	160
-19.5	272	-19.5	152
-22.5	265	-22.5	126
-25.5	256	-25.5	43
-29	244	-29	13
-33	229	-33	11
-37.5	213	-37.5	9
-42.5	194	-42.5	7
-47.5	172	-47.5	3
-55	139	-55	0
-65	92	-65	0
-75	42	-75	0
-85	0	-85	0
-90	0	-90	0

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**CANDELA TABULATION**

Maximum Candela = 366

Beam Edge = 183 Cd (50% of Max.)

Field Edge = 36.6 Cd (10% of Max.)

\* Indicates Values Inside Field Edge

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b><u>-90.0</u></b>	<b><u>-85.0</u></b>	<b><u>-75.0</u></b>	<b><u>-65.0</u></b>	<b><u>-55.0</u></b>	<b><u>-47.5</u></b>	<b><u>-42.5</u></b>	<b><u>-37.5</u></b>	<b><u>-33.0</u></b>	<b><u>-29.0</u></b>
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	0	0	0	0	0	0	0	0	0	0
65.0	0	0	0	0	0	0	0	0	0	0
55.0	0	0	0	0	0	1	1	1	2	2
47.5	0	0	0	1	2	2	3	3	4	4
42.5	0	0	1	3	4	5	5	6	6	6
37.5	0	0	3	7	10	10	10	10	10	10
33.0	0	0	7	17	26	32	32	32	31	32
29.0	0	0	11	30	51 *	70 *	81 *	91 *	102 *	113 *
25.5	0	0	15	42 *	75 *	100 *	118 *	131 *	140 *	148 *
22.5	0	0	19	52 *	91 *	119 *	136 *	151 *	162 *	172 *
19.5	0	0	22	60 *	103 *	135 *	156 *	173 *	187 *	198 *
17.0	0	0	25	67 *	112 *	148 *	170 *	190 *	206 *	219 *
15.0	0	0	27	73 *	120 *	157 *	180 *	201 *	218 *	233 *
13.0	0	0	29	79 *	130 *	166 *	190 *	211 *	229 *	244 *
11.0	0	0	31	84 *	139 *	174 *	200 *	222 *	239 *	255 *
9.0	0	0	33	86 *	149 *	187 *	211 *	236 *	253 *	267 *
7.0	0	0	35	88 *	157 *	199 *	226 *	248 *	271 *	287 *
5.0	0	0	38 *	90 *	152 *	205 *	240 *	260 *	279 *	300 *
3.0	0	0	39 *	91 *	147 *	193 *	227 *	255 *	277 *	291 *
1.0	0	0	41 *	92 *	142 *	179 *	205 *	227 *	245 *	261 *
0.0	0	0	42 *	92 *	139 *	172 *	194 *	213 *	229 *	244 *
-1.0	0	0	41 *	88 *	133 *	165 *	186 *	205 *	220 *	234 *
-3.0	0	0	38 *	81 *	122 *	151 *	170 *	188 *	202 *	215 *
-5.0	0	0	35	73 *	110 *	136 *	155 *	174 *	188 *	200 *
-7.0	0	0	31	66 *	98 *	127 *	146 *	162 *	176 *	187 *
-9.0	0	0	28	58 *	92 *	120 *	137 *	152 *	164 *	174 *
-11.0	0	0	25	51 *	88 *	112 *	129 *	143 *	153 *	162 *
-13.0	0	0	22	48 *	83 *	107 *	122 *	134 *	144 *	152 *
-15.0	0	0	19	45 *	79 *	102 *	116 *	127 *	136 *	143 *
-17.0	0	0	15	42 *	74 *	97 *	111 *	121 *	130 *	137 *
-19.5	0	0	12	38 *	68 *	88 *	104 *	114 *	122 *	130 *
-22.5	0	0	9	32	59 *	70 *	75 *	88 *	99 *	104 *
-25.5	0	0	7	23	36	40 *	36	39 *	43 *	45 *
-29.0	0	0	5	13	15	14	12	12	11	10
-33.0	0	0	2	5	5	7	7	8	9	9
-37.5	0	0	1	2	4	5	6	7	7	7
-42.5	0	0	0	1	2	4	4	4	5	6
-47.5	0	0	0	0	1	1	2	2	3	3
-55.0	0	0	0	0	0	0	0	0	0	0
-65.0	0	0	0	0	0	0	0	0	0	0
-75.0	0	0	0	0	0	0	0	0	0	0
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

IES FLOOD REPORT  
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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	0	0	0	0	0	0	0	0	0	0
65.0	0	0	0	0	0	0	0	0	0	0
55.0	1	2	2	2	2	3	2	2	2	2
47.5	5	4	5	5	5	5	5	5	5	5
42.5	7	7	7	7	7	7	7	7	8	8
37.5	10	11	11	11	11	11	11	11	12	12
33.0	35	37 *	35	37 *	38 *	35	37 *	39 *	38 *	37 *
29.0	118 *	118 *	124 *	126 *	133 *	130 *	131 *	137 *	139 *	135 *
25.5	154 *	158 *	162 *	164 *	167 *	170 *	171 *	173 *	175 *	176 *
22.5	179 *	185 *	189 *	193 *	195 *	199 *	201 *	203 *	204 *	205 *
19.5	208 *	214 *	220 *	225 *	229 *	232 *	235 *	236 *	239 *	240 *
17.0	230 *	237 *	244 *	249 *	254 *	257 *	260 *	262 *	264 *	265 *
15.0	244 *	252 *	259 *	266 *	269 *	273 *	276 *	279 *	280 *	282 *
13.0	256 *	265 *	272 *	278 *	283 *	287 *	290 *	292 *	294 *	296 *
11.0	267 *	276 *	283 *	288 *	293 *	298 *	301 *	303 *	305 *	307 *
9.0	281 *	288 *	296 *	301 *	304 *	309 *	314 *	315 *	319 *	319 *
7.0	300 *	310 *	317 *	324 *	328 *	334 *	337 *	340 *	341 *	345 *
5.0	318 *	325 *	335 *	342 *	346 *	351 *	356 *	358 *	358 *	360 *
3.0	302 *	312 *	320 *	326 *	331 *	335 *	338 *	340 *	341 *	342 *
1.0	273 *	281 *	289 *	294 *	298 *	303 *	306 *	309 *	311 *	312 *
0.0	256 *	265 *	272 *	277 *	282 *	286 *	289 *	292 *	293 *	295 *
-1.0	246 *	254 *	261 *	266 *	270 *	274 *	277 *	280 *	282 *	284 *
-3.0	226 *	234 *	240 *	246 *	249 *	253 *	256 *	257 *	259 *	260 *
-5.0	210 *	217 *	223 *	227 *	230 *	232 *	235 *	237 *	238 *	238 *
-7.0	195 *	201 *	205 *	209 *	212 *	215 *	217 *	218 *	219 *	219 *
-9.0	181 *	186 *	190 *	193 *	195 *	197 *	200 *	200 *	202 *	202 *
-11.0	168 *	172 *	176 *	179 *	181 *	183 *	185 *	186 *	187 *	188 *
-13.0	157 *	162 *	165 *	167 *	169 *	171 *	173 *	175 *	175 *	176 *
-15.0	149 *	153 *	156 *	158 *	160 *	162 *	164 *	164 *	166 *	166 *
-17.0	142 *	146 *	149 *	151 *	153 *	155 *	156 *	157 *	159 *	159 *
-19.5	135 *	139 *	142 *	144 *	146 *	148 *	150 *	151 *	151 *	151 *
-22.5	105 *	108 *	113 *	116 *	117 *	116 *	124 *	119 *	117 *	120 *
-25.5	45 *	45 *	46 *	43 *	46 *	46 *	43 *	46 *	47 *	46 *
-29.0	11	12	13	12	12	12	12	12	13	13
-33.0	9	9	10	10	10	10	10	10	11	11
-37.5	8	8	8	8	8	8	8	9	9	9
-42.5	6	6	6	6	6	6	7	6	6	6
-47.5	3	3	4	4	4	3	3	3	4	3
-55.0	0	0	0	0	0	0	0	1	1	0
-65.0	0	0	0	0	0	0	0	0	0	0
-75.0	0	0	0	0	0	0	0	0	0	0
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

Vert. Angles	Horizontal Angles									
	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	0	0	0	0	0	0	0	0	0	0
65.0	0	0	0	0	0	0	0	0	0	0

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CANDELA TABULATION - (Cont.)

55.0	2	2	2	2	2	2	2	2	2	3
47.5	5	5	5	5	5	5	5	5	5	5
42.5	8	8	8	8	8	8	8	7	7	7
37.5	12	11	11	11	12	12	12	11	11	11
33.0	37 *	38 *	38 *	38 *	37 *	37 *	38 *	39 *	37 *	35
29.0	135 *	135 *	135 *	135 *	135 *	135 *	139 *	137 *	131 *	130 *
25.5	175 *	175 *	175 *	175 *	175 *	176 *	175 *	173 *	171 *	170 *
22.5	205 *	206 *	205 *	206 *	205 *	205 *	204 *	203 *	201 *	199 *
19.5	240 *	241 *	240 *	241 *	240 *	240 *	239 *	236 *	235 *	232 *
17.0	266 *	267 *	266 *	267 *	266 *	265 *	264 *	262 *	260 *	257 *
15.0	283 *	284 *	284 *	284 *	283 *	282 *	280 *	279 *	276 *	273 *
13.0	297 *	297 *	298 *	297 *	297 *	296 *	294 *	292 *	290 *	287 *
11.0	308 *	309 *	309 *	309 *	308 *	307 *	305 *	303 *	301 *	298 *
9.0	322 *	324 *	324 *	324 *	322 *	319 *	319 *	315 *	314 *	309 *
7.0	347 *	344 *	344 *	344 *	347 *	345 *	341 *	340 *	337 *	334 *
5.0	357 *	365 *	366 *	365 *	357 *	360 *	358 *	358 *	356 *	351 *
3.0	341 *	339 *	340 *	339 *	341 *	342 *	341 *	340 *	338 *	335 *
1.0	312 *	310 *	310 *	310 *	312 *	312 *	311 *	309 *	306 *	303 *
0.0	296 *	295 *	295 *	295 *	296 *	295 *	293 *	292 *	289 *	286 *
-1.0	284 *	283 *	283 *	283 *	284 *	284 *	282 *	280 *	277 *	274 *
-3.0	260 *	259 *	259 *	259 *	260 *	260 *	259 *	257 *	256 *	253 *
-5.0	239 *	239 *	238 *	239 *	239 *	238 *	238 *	237 *	235 *	232 *
-7.0	219 *	220 *	220 *	220 *	219 *	219 *	219 *	218 *	217 *	215 *
-9.0	203 *	203 *	203 *	203 *	203 *	202 *	202 *	200 *	200 *	197 *
-11.0	188 *	188 *	188 *	188 *	188 *	188 *	187 *	186 *	185 *	183 *
-13.0	176 *	176 *	177 *	176 *	176 *	176 *	175 *	175 *	173 *	171 *
-15.0	167 *	167 *	167 *	167 *	167 *	166 *	166 *	164 *	164 *	162 *
-17.0	160 *	160 *	160 *	160 *	160 *	159 *	159 *	157 *	156 *	155 *
-19.5	153 *	153 *	152 *	153 *	153 *	151 *	151 *	151 *	150 *	148 *
-22.5	125 *	127 *	126 *	127 *	125 *	120 *	117 *	119 *	124 *	116 *
-25.5	46 *	45 *	43 *	45 *	46 *	46 *	47 *	46 *	43 *	46 *
-29.0	13	13	13	13	13	13	13	12	12	12
-33.0	10	10	11	10	10	11	11	10	10	10
-37.5	9	9	9	9	9	9	9	9	8	8
-42.5	6	7	7	7	6	6	6	6	7	6
-47.5	3	3	3	3	3	3	4	3	3	3
-55.0	0	0	0	0	0	0	1	1	0	0
-65.0	0	0	0	0	0	0	0	0	0	0
-75.0	0	0	0	0	0	0	0	0	0	0
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

Vert. Horizontal Angles  
Angles

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	0	0	0	0	0	0	0	0	0	0
65.0	0	0	0	0	0	0	0	0	0	0
55.0	2	2	2	2	1	2	2	1	1	1
47.5	5	5	5	4	5	4	4	3	3	2
42.5	7	7	7	7	7	6	6	6	5	5
37.5	11	11	11	11	10	10	10	10	10	10
33.0	38 *	37 *	35	37 *	35	32	31	32	32	32
29.0	133 *	126 *	124 *	118 *	118 *	113 *	102 *	91 *	81 *	70 *
25.5	167 *	164 *	162 *	158 *	154 *	148 *	140 *	131 *	118 *	100 *

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**CANDELA TABULATION - (Cont.)**

22.5	195 *	193 *	189 *	185 *	179 *	172 *	162 *	151 *	136 *	119 *
19.5	229 *	225 *	220 *	214 *	208 *	198 *	187 *	173 *	156 *	135 *
17.0	254 *	249 *	244 *	237 *	230 *	219 *	206 *	190 *	170 *	148 *
15.0	269 *	266 *	259 *	252 *	244 *	233 *	218 *	201 *	180 *	157 *
13.0	283 *	278 *	272 *	265 *	256 *	244 *	229 *	211 *	190 *	166 *
11.0	293 *	288 *	283 *	276 *	267 *	255 *	239 *	222 *	200 *	174 *
9.0	304 *	301 *	296 *	288 *	281 *	267 *	253 *	236 *	211 *	187 *
7.0	328 *	324 *	317 *	310 *	300 *	287 *	271 *	248 *	226 *	199 *
5.0	346 *	342 *	335 *	325 *	318 *	300 *	279 *	260 *	240 *	205 *
3.0	331 *	326 *	320 *	312 *	302 *	291 *	277 *	255 *	227 *	193 *
1.0	298 *	294 *	289 *	281 *	273 *	261 *	245 *	227 *	205 *	179 *
0.0	282 *	277 *	272 *	265 *	256 *	244 *	229 *	213 *	194 *	172 *
-1.0	270 *	266 *	261 *	254 *	246 *	234 *	220 *	205 *	186 *	165 *
-3.0	249 *	246 *	240 *	234 *	226 *	215 *	202 *	188 *	170 *	151 *
-5.0	230 *	227 *	223 *	217 *	210 *	200 *	188 *	174 *	155 *	136 *
-7.0	212 *	209 *	205 *	201 *	195 *	187 *	176 *	162 *	146 *	127 *
-9.0	195 *	193 *	190 *	186 *	181 *	174 *	164 *	152 *	137 *	120 *
-11.0	181 *	179 *	176 *	172 *	168 *	162 *	153 *	143 *	129 *	112 *
-13.0	169 *	167 *	165 *	162 *	157 *	152 *	144 *	134 *	122 *	107 *
-15.0	160 *	158 *	156 *	153 *	149 *	143 *	136 *	127 *	116 *	102 *
-17.0	153 *	151 *	149 *	146 *	142 *	137 *	130 *	121 *	111 *	97 *
-19.5	146 *	144 *	142 *	139 *	135 *	130 *	122 *	114 *	104 *	88 *
-22.5	117 *	116 *	113 *	108 *	105 *	104 *	99 *	88 *	75 *	70 *
-25.5	46 *	43 *	46 *	45 *	45 *	45 *	43 *	39 *	36 *	40 *
-29.0	12	12	13	12	11	10	11	12	12	14
-33.0	10	10	10	9	9	9	9	8	7	7
-37.5	8	8	8	8	8	7	7	7	6	5
-42.5	6	6	6	6	6	6	5	4	4	4
-47.5	4	4	4	3	3	3	3	2	2	1
-55.0	0	0	0	0	0	0	0	0	0	0
-65.0	0	0	0	0	0	0	0	0	0	0
-75.0	0	0	0	0	0	0	0	0	0	0
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

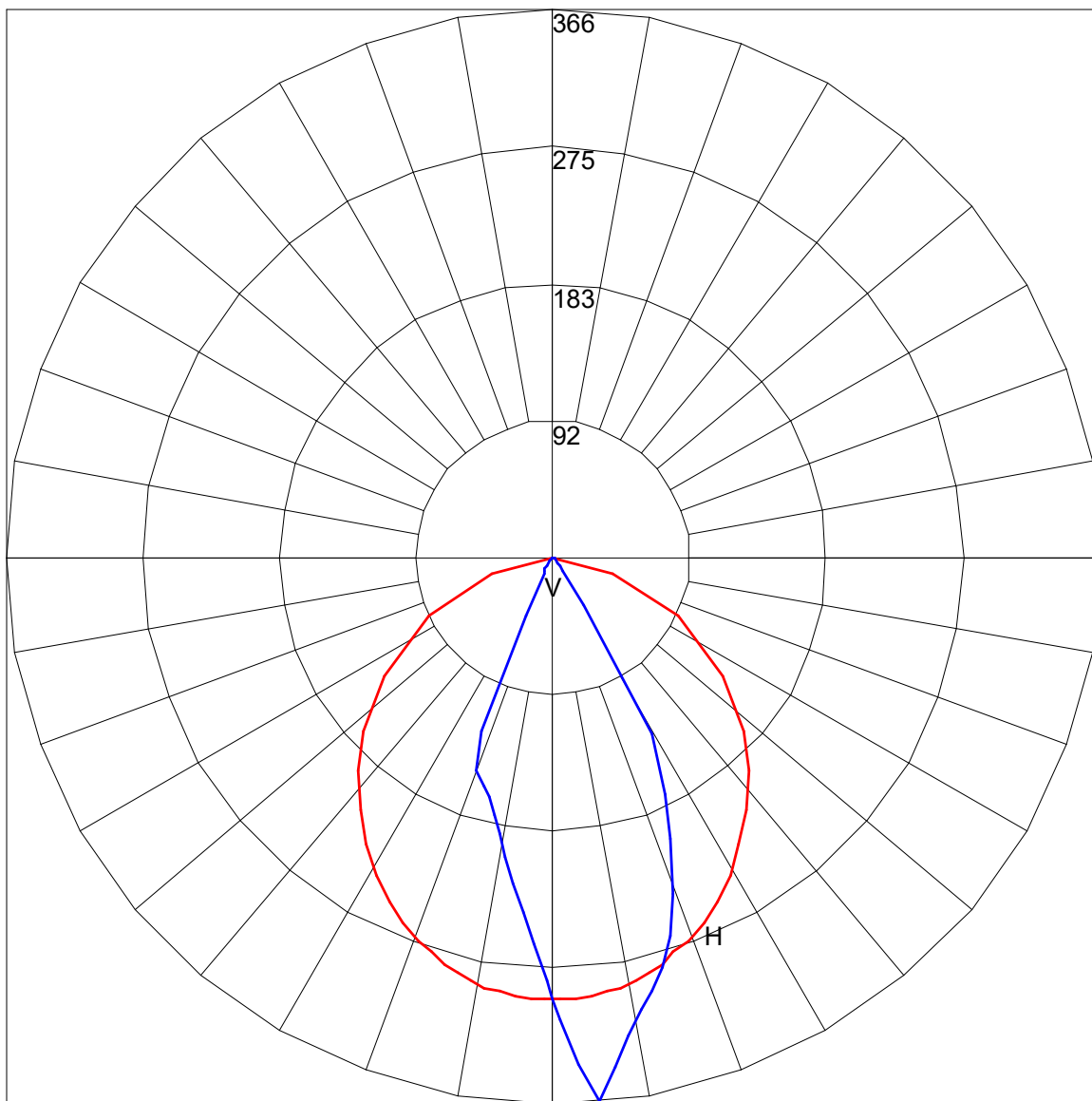
Vert. Angles	Horizontal Angles				
	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	0	0	0	0	0
85.0	0	0	0	0	0
75.0	0	0	0	0	0
65.0	0	0	0	0	0
55.0	0	0	0	0	0
47.5	2	1	0	0	0
42.5	4	3	1	0	0
37.5	10	7	3	0	0
33.0	26	17	7	0	0
29.0	51 *	30	11	0	0
25.5	75 *	42 *	15	0	0
22.5	91 *	52 *	19	0	0
19.5	103 *	60 *	22	0	0
17.0	112 *	67 *	25	0	0
15.0	120 *	73 *	27	0	0
13.0	130 *	79 *	29	0	0
11.0	139 *	84 *	31	0	0
9.0	149 *	86 *	33	0	0

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CANDELA TABULATION - (Cont.)

7.0	157 *	88 *	35	0	0
5.0	152 *	90 *	38 *	0	0
3.0	147 *	91 *	39 *	0	0
1.0	142 *	92 *	41 *	0	0
0.0	139 *	92 *	42 *	0	0
-1.0	133 *	88 *	41 *	0	0
-3.0	122 *	81 *	38 *	0	0
-5.0	110 *	73 *	35	0	0
-7.0	98 *	66 *	31	0	0
-9.0	92 *	58 *	28	0	0
-11.0	88 *	51 *	25	0	0
-13.0	83 *	48 *	22	0	0
-15.0	79 *	45 *	19	0	0
-17.0	74 *	42 *	15	0	0
-19.5	68 *	38 *	12	0	0
-22.5	59 *	32	9	0	0
-25.5	36	23	7	0	0
-29.0	15	13	5	0	0
-33.0	5	5	2	0	0
-37.5	4	2	1	0	0
-42.5	2	1	0	0	0
-47.5	1	0	0	0	0
-55.0	0	0	0	0	0
-65.0	0	0	0	0	0
-75.0	0	0	0	0	0
-85.0	0	0	0	0	0
-90.0	0	0	0	0	0

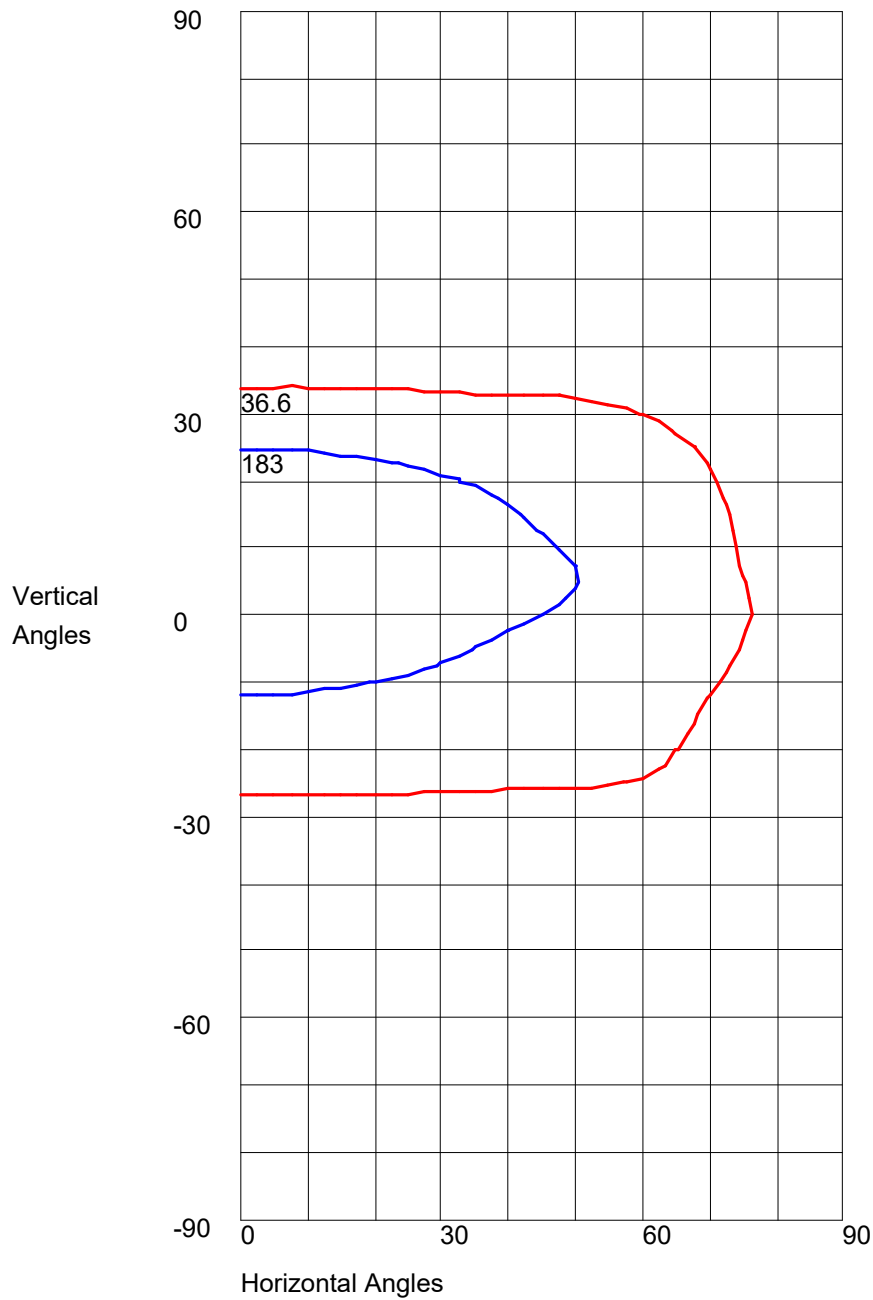
AXIAL CANDELA DISPLAY



Maximum Candela = 366 Located At Horizontal Angle = 0, Vertical Angle = 5  
H - Horizontal Axial Candela  
V - Vertical Axial Candela



ISOCANDELA CURVES



Maximum Candela = 366 Located At Horizontal Angle = 0, Vertical Angle = 5  
50% Maximum Candela = 183  
10% Maximum Candela = 36.6